

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Title V, Construction / Operating

Permit: V-05-017 R1

Texas Gas Transmission LLC - Midland III Compressor Station

Bremen, KY 42325

March 14, 2008

Andrew True, Reviewer

SOURCE ID: 21-177-00066

AGENCY INTEREST: 44340

ACTIVITY: APE20070001

SOURCE DESCRIPTION:

Texas Gas Transmission, LLC Midland 3 Compression Station is the owner and the operator of the plant, which is a major source for emissions of nitrogen oxide (NO_x) and carbon monoxide (CO), and is a minor source for emissions of volatile organic compounds (VOC), particulate matter (PM), sulfur dioxides (SO₂), and hazardous air pollutants (HAPs).

This plant produces liquid hydrocarbons from natural gas pipes entering the plant. Natural gas is currently compressed through the two compressors of 2050 hp each, the third compressor of 2610 hp, and additionally through two Turbine Compressors of 61.21 million British thermal units per hour (mmBtu/hr) each. On June 15, 2007, the source applied to the Division for a Minor Revision to the Title V Permit V-05-017. Permit V-05-017 R1 will allow Texas Gas Transmission, LLC Midland 3 Compression Station to construct and operate one additional Turbine Compressor (TB03), replacing two natural gas compression engines (RC01 and RC02).

U.S. EPA REVIEW:

The U.S. EPA was notified of the issuance of the proposed permit on January 28, 2008 via e-mail. The comment period expired 45 days from the date of e-mail. No comments were received during this period. The permit is now being issued final.